

ABSTRACT OF THE DISCLOSURE

- 5 Items are represented to a user through a user interface with each item having a respective perceivable range value and associated label by which the item can be addressed. To address a particular item, the user speaks its label at a loudness indicative of its perceived range. A loudness-to-range function of the interface determines on the basis of the loudness of the user input, a range gate expected to encompass the range value of the addressed
- 10 item. A speech recogniser is used to recognise the spoken label and thus the addressed item, the label search space of the recogniser being restricted to exclude the labels of items having a range value outside of the determined range gate. In one embodiment, the user interface is an audio interface in which the items are represented in an audio field through corresponding synthesized sound sources, the depth at which each sound source is rendered
- 15 in the audio field being the range value associated with the corresponding item.

10056046-012902